



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Inventor(s):** MICHAEL J. BURKE et al.

**Appln. No.:** 10/772,229

**Filing Date:** February 4, 2004

**Title:** DUAL ELECTROSPRAY  
IONIZATION SOURCE FOR  
MASS SPECTROMETER

**Examiner:** NGUYEN, Kiet Tuan

**Group Art Unit:** 2879

**Docket No.** 51185-301451

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

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Walter C. Linder

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The documents listed on the enclosed Form SB/08 are presented pursuant to Applicant's duty of disclosure under 37 C.F.R. § 1.56. Copies of the listed U.S. Patent documents have been omitted in accordance with the waiver of requirements of 37 C.F.R. § 1.98(a)(2)(i) by the United States Patent and Trademark Office. Additional information is set forth in the "Background of the Invention" section of the application.

This Information Disclosure Statement is accompanied by the fee of \$180.00 under § 1.17(p). Should any additional fee be required, the Commissioner is authorized to charge our Deposit Account No. 06-0029 and is requested to notify us of the same.

Respectfully Submitted,

MICHAEL J. BURKE et al.

By:

Walter C. Linder, #31,707  
FAEGRE & BENSON LLP  
2200 Wells Fargo Center  
90 South Seventh Street  
Minneapolis, MN 55402-3901  
612/766-8801

Dated: April 29, 2005

M2:20709839.01

05/03/2005 SSESHE1 00000009 10772229

02 FC:1806

180.00 DP



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>	
			Application Number	10/772,229
			Filing Date	February 4, 2004
			First Named Inventor	MICHAEL J. BURKE
			Group Art Unit	2881
			Examiner Name	Nguyen, Kiet Tuan
Sheet 1	of 2	Attorney Docket Number	51185-301451	

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US- 6,066,848	5/23/2000	Kassel, et al.	
		US- 6,191,418	2/20/2001	Hindsgaul, et al.	
		US- 6,350,617	2/26/2002	Hindsgaul, et al.	
		US- 6,410,915	6/25/2002	Bateman, et al.	
		US- 2001/0042828	11/22/2001	Hindsgaul, et al.	
		US- 2002/0043624	4/18/2002	Hindsgaul, et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.  
<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 2

**Complete if Known**

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Attorney Docket Number	51185-301451

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		MANN et al., <i>Analysis of Proteins and Proteomes By Mass Spectrometry</i> , Annu. Rev. Biochem. 2001, 70:437-73	
		FLORA AND MUDDIMAN, <i>High Mass Accuracy of Product Ions Produced by SORI-CID Using a Dual Electrospray Ionization Source Coupled with FTICR Mass Spectrometry</i> , Analytical Chemistry, 2001, 73, 6, 1247-1251	
		HANNIS AND MUDDIMAN, <i>A Dual Electrospray Ionization Source Combined With Hexapole Accumulation to Achieve High Mass Accuracy of Biopolymers in Fourier Transform Ion Cyclotron Resonance Mass Spectroscopy</i> , J. Am. Soc. Mass. Spectrom. 2000, 11, 876-883	

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